



# 32 CHANNEL NON-EXPLOSION PROOF HYBRID MONITOR AND DATA LOGGER

**LEADERS IN GAS DETECTION**

*Since 1977*

**OI-7032**



## Features:

- 32 Channel Hybrid Touchscreen Monitor - Supports WireFree and Up to 4 Wired Sensors
- 12 to 35 VDC Operating Voltage with an Optional AC Power Supply
- Operating Temperature Range of -20°C to +50°C
- 7-Inch Full Color Touchscreen
- Radio Options: GEN II 900 MHz or GEN II 2.4 GHz Standard; GEN I 900 MHz Radio Can Also Be Installed
- Adjustable Background Gas Setting
- 4 Individually Configurable Alarm Set-Points - Four Red ALARM Indicators; 4 Dry-Contact Relays (4 Amps Maximum per Relay)
- Status Indicator for Fault Conditions - Amber Indicator for Systems Faults
- Output Options: Wet Contact DC Fault Terminal, Relay 4 Can Optionally Be Configured as a Fault Relay, RS-485 Modbus
- 2GB USB Drive Included for Data Logging
- 1-Year Limited Hardware Warranty
- NEMA 4X Standard Fiberglass Enclosure with Clear Window

## Applications:

- Blast Mining
- Petrochemical plants
- Refineries
- Water & wastewater treatment plants
- Gas, telephone & electric utilities
- Manufacturing facilities
- Laboratories

The OI-7032 Controller is a Hybrid Touchscreen Monitor that supports up to 32 WireFree Sensor inputs. Four channels can be setup for 4-20 mA wired input, making the controller compatible with both WireFree and wired sensors. Durable, flexible and customisable, this controller can operate in conjunction with either GEN I or GEN II sensors.

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### Representatives/Offices in:

Sydney	Melbourne
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Product Type	32 Channel Touchscreen Hybrid Gas Monitor
Operating Voltage	12V to 35V DC or 240VAC
Current Draw	300 mA Maximum
Power Supply	6.25A (150W), 85/264V AC to 24V DC (Optional)
RF Connection Customisable Settings	External N-Female Radio Frequency (RF) Connector Option to Disable Alarm Relays
Protection	Power Electromagnetic Interference (EMI) Filter 4-20 mA Surge Suppression RS-485 Surge Suppression
Display Screen	800x480 Resolution 7-Inch Resistive Touchscreen
Interface	Touchscreen
Tamb Temperature Range	-20°c to +50°C
WireFree (Digital), Wired (Analog) Input	Up to 32 WireFree Digital Inputs, Up to 4 Can Be 4-20 mA Wired Analog Inputs
Relays	4 Dry-Contact Relays with 4 Amp Replaceable Fuses Individually Set Full Scale, Normally Open or Normally Closed, Latching or Non-Latching and Fault Terminal
Digital Output	RS-485 Modbus
Product Compatibility	All GEN I and GEN II WireFree Products and Any Wired 4-20 mA Sensors
WireFree Radio Options	GEN II 900 MHz Radio GEN II 2.4 GHz Radio GEN I 900 MHz Radio
Networks	52 Networks (GEN II 900 MHz Radio) 78 Networks (GEN II 2.4 GHz Radio) 255 Addresses per Network
Enclosure Material	NEMA 4X Fiberglass Enclosure with Clear Window
Product Dimensions	12 in. L x 10 in. W x 6 in. H (Max. Dimensions with Attachments)
Total Weight	12.15 lbs.
Product Mounting	4 Mounting Feet, 6 in. W x 12-1/4 in. T (included) Maximum Mountina Bolt/Screw Size of 5/16 in. (8mm) Diameter
Hardware Warranty	1-Year, Limited
Part Number Formula	OI-7032-[Power]-[Radio]-A4 OI-7032-X-X-A4